100

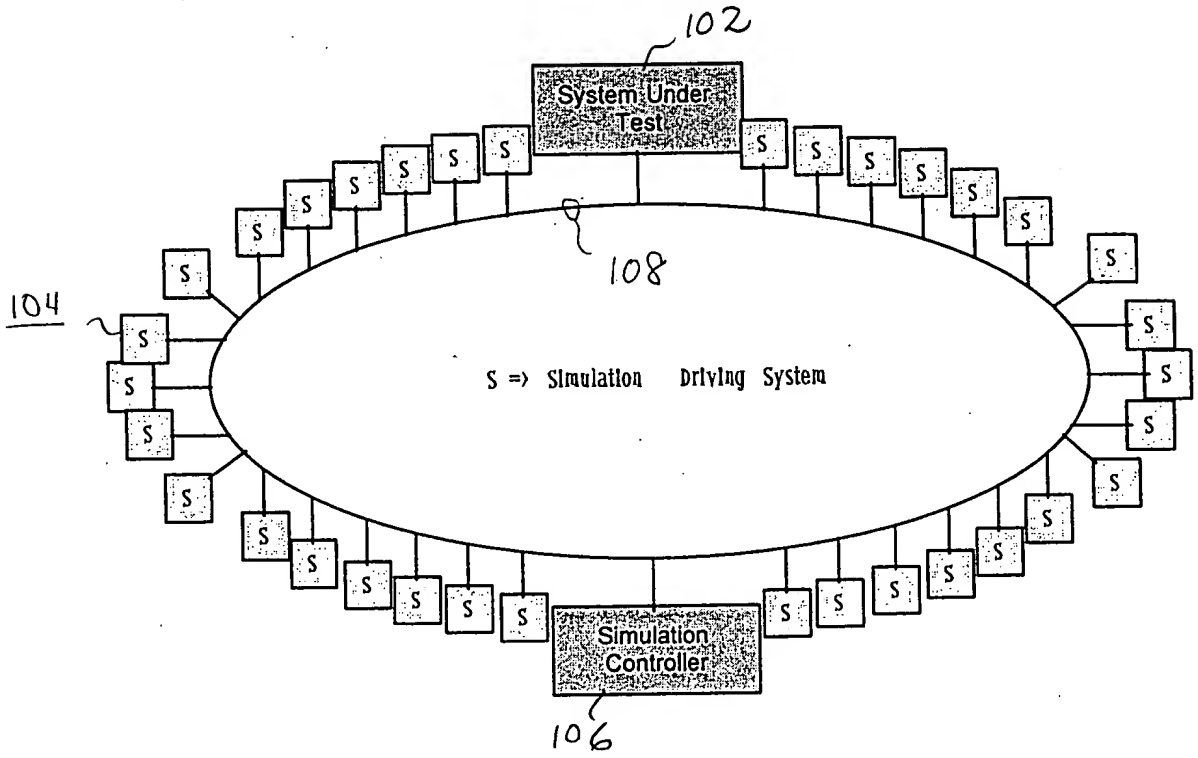

Figure 1

PRIOR ART

200

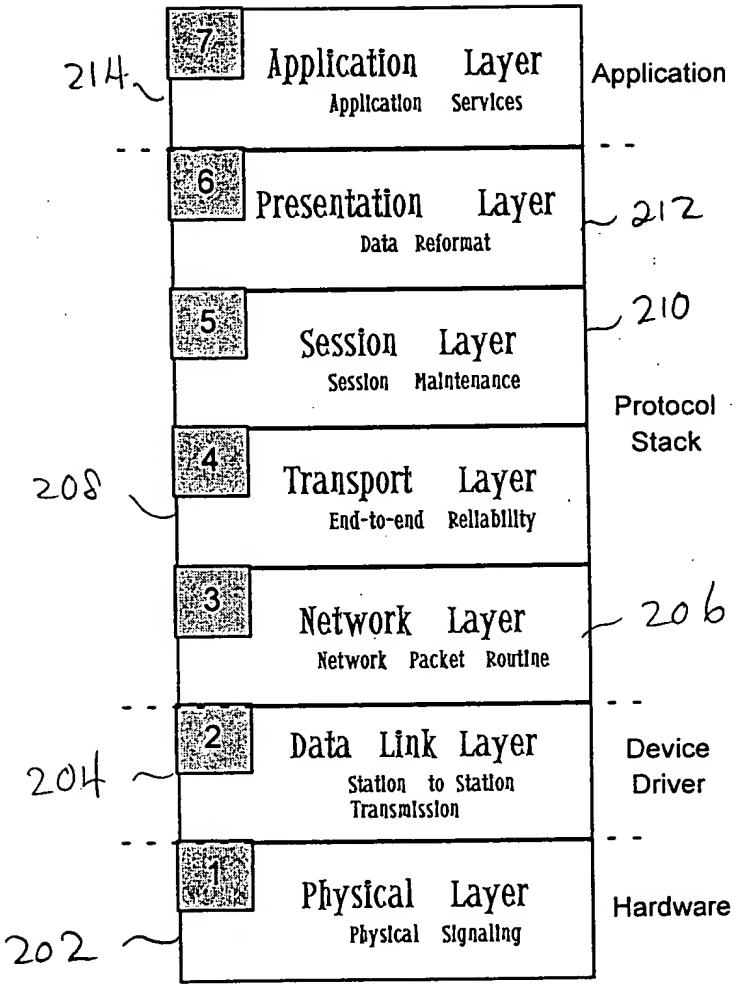

Figure 2

PRIOR ART

300

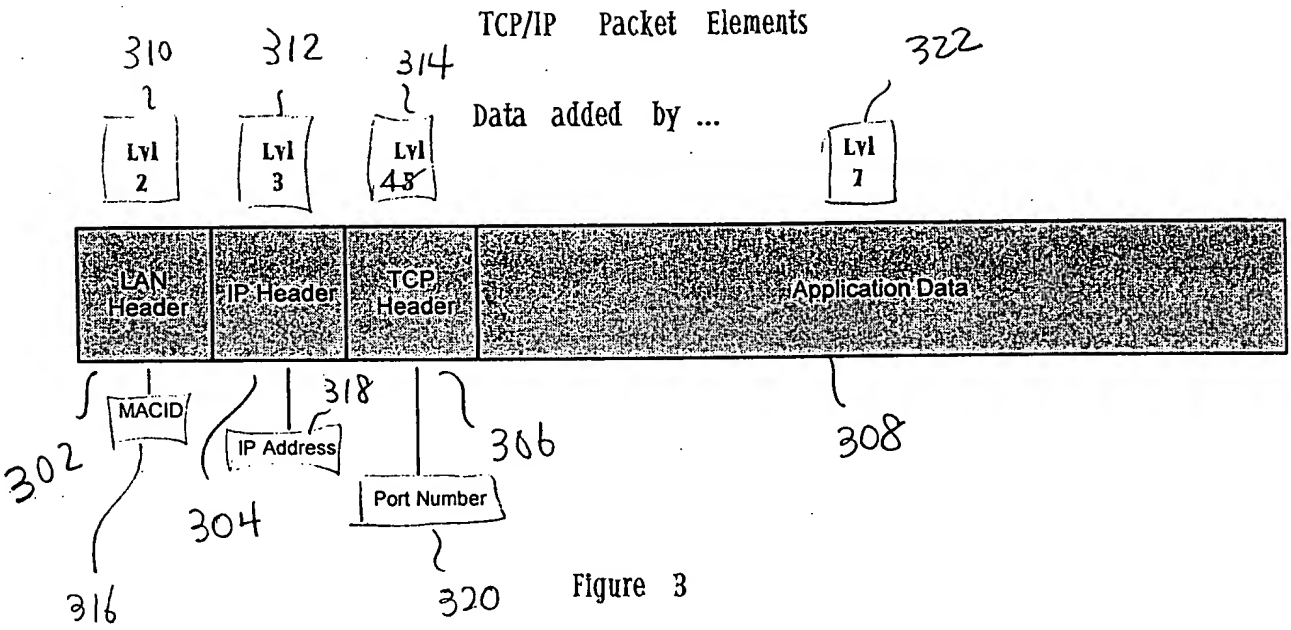

Figure 3

PRIOR ART

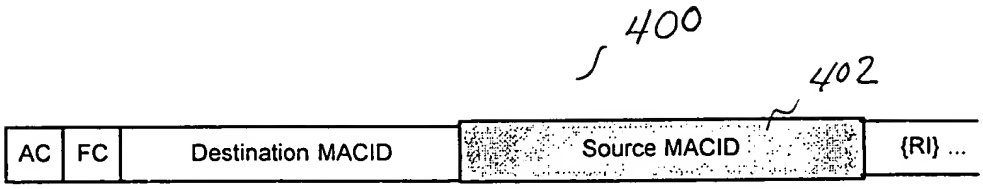

Figure 4 PRIOR ART

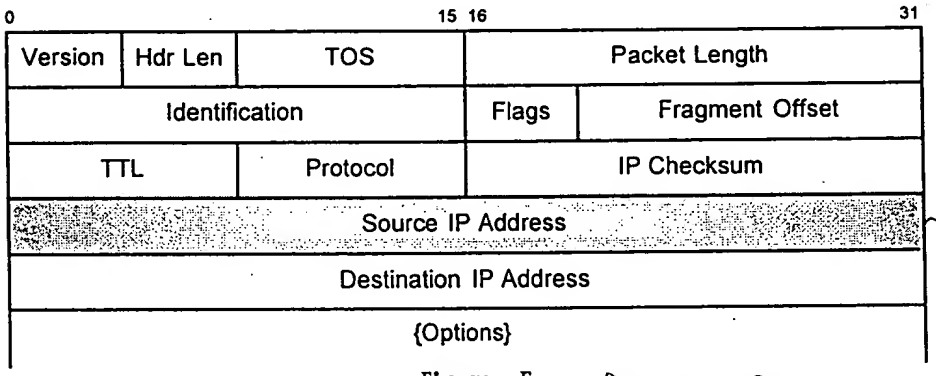

Figure 5 PRIOR ART

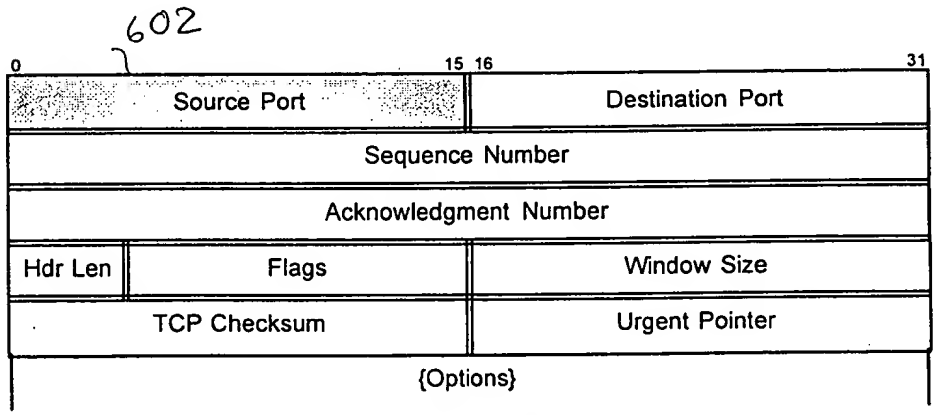

Figure 6

PRIOR ART

700

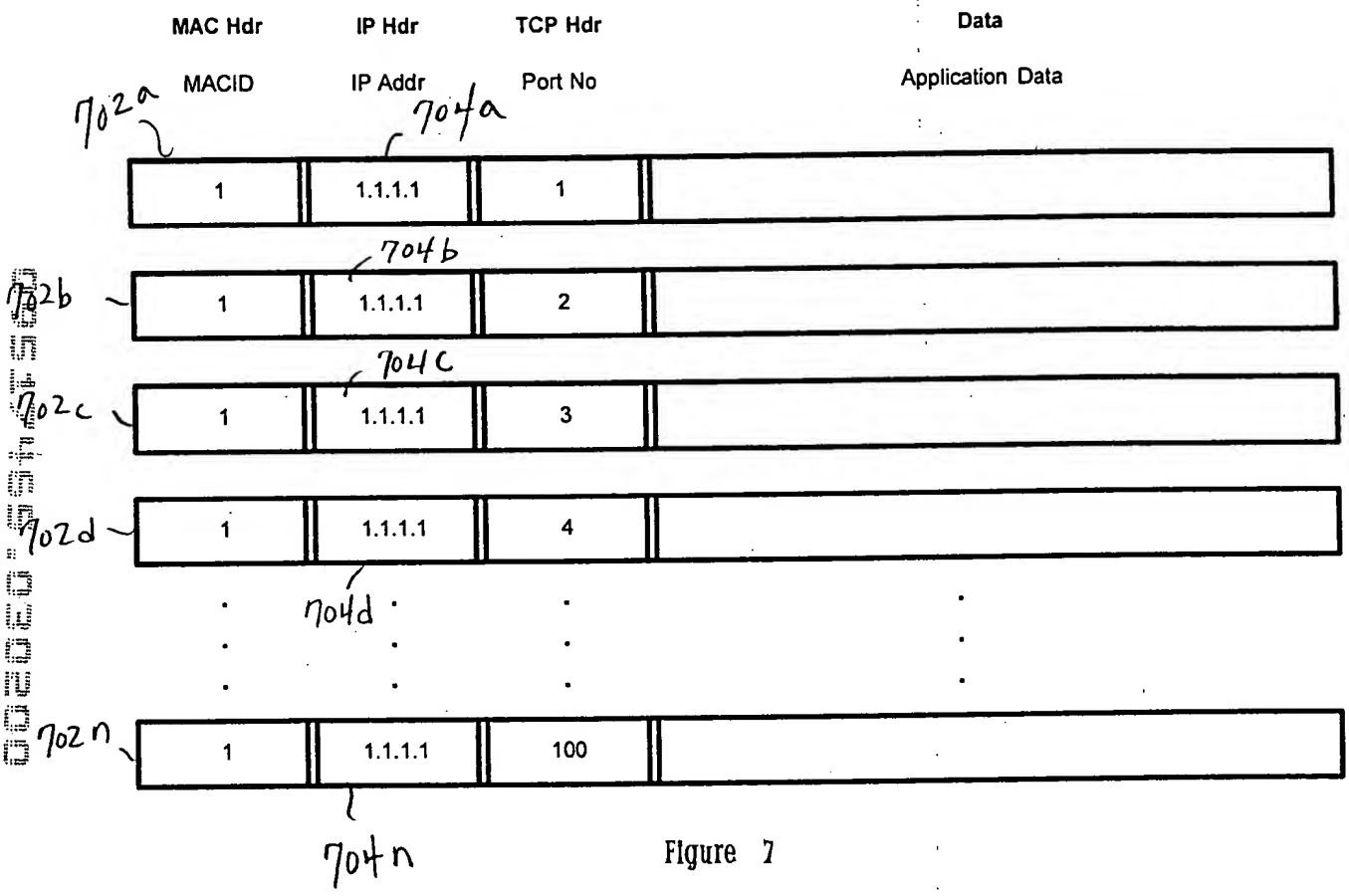

Figure 7

PRIOR ART

800

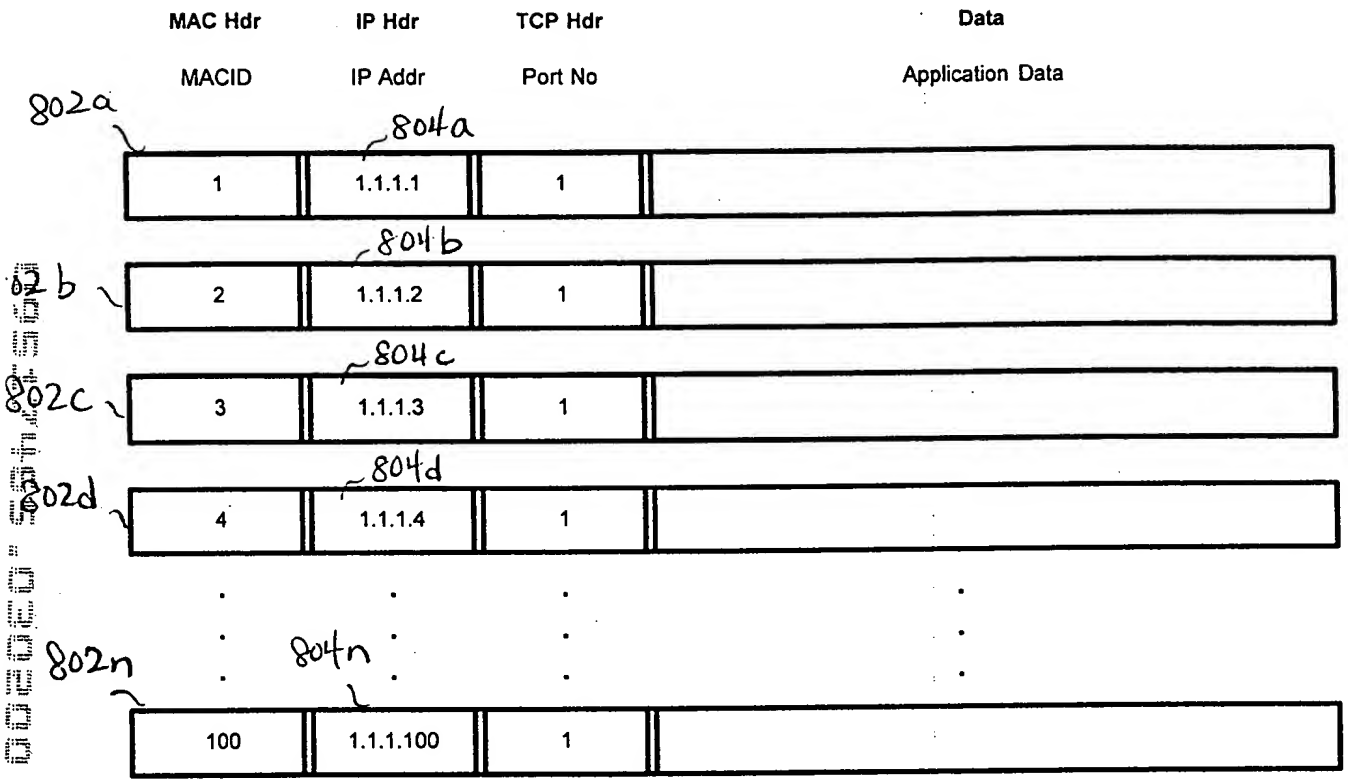
MAC Hdr
IP Hdr
TCP Hdr
Data
MACID
IP Addr
Port No
Application Data
802a
804a
1
1.1.1.1
1
802b
804b
2
1.1.1.2
1
802c
804c
3
1.1.1.3
1
802d
804d
4
1.1.1.4
1
802n
804n
100
1.1.1.100
1

Figure 8

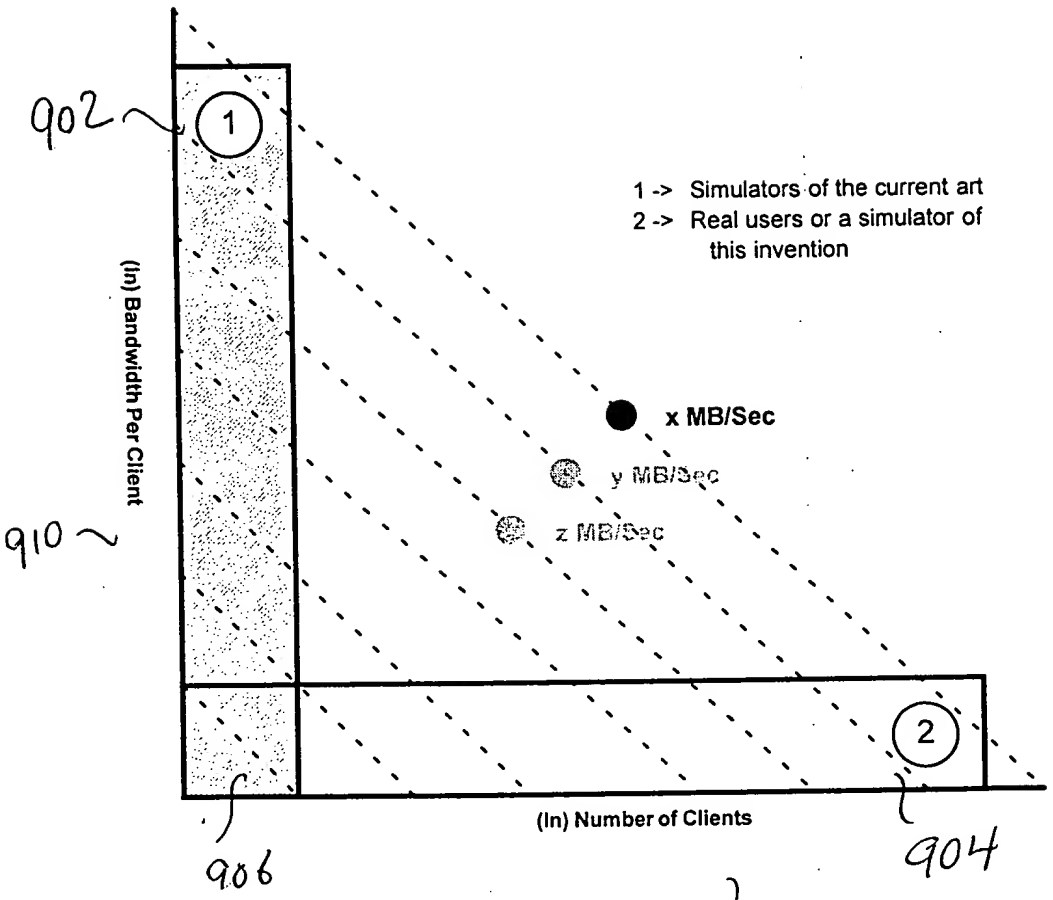
902
1
1 -> Simulators of the current art
2 -> Real users or a simulator of this invention
x MB/Sec
y MB/Sec
z MB/Sec
(In) Bandwidth Per Client
910
2
(In) Number of Clients
906
904

Figure 9

908

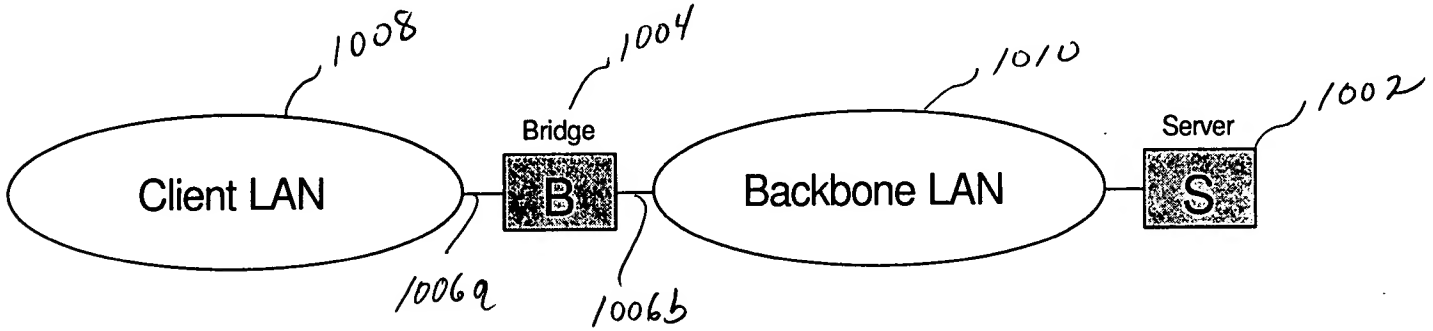

Figure 10

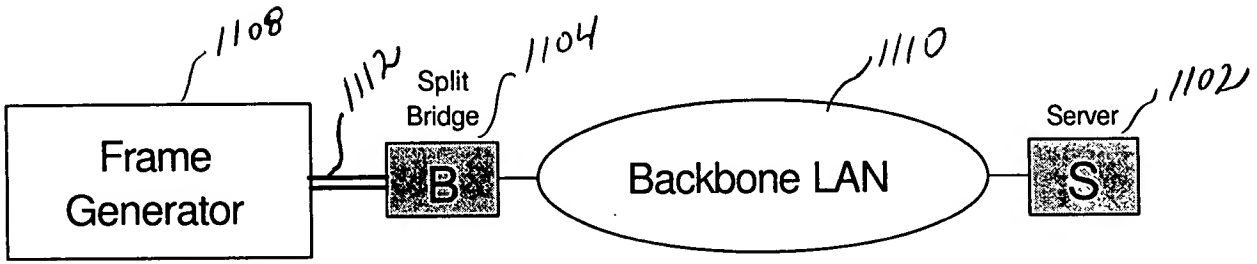

Figure 11

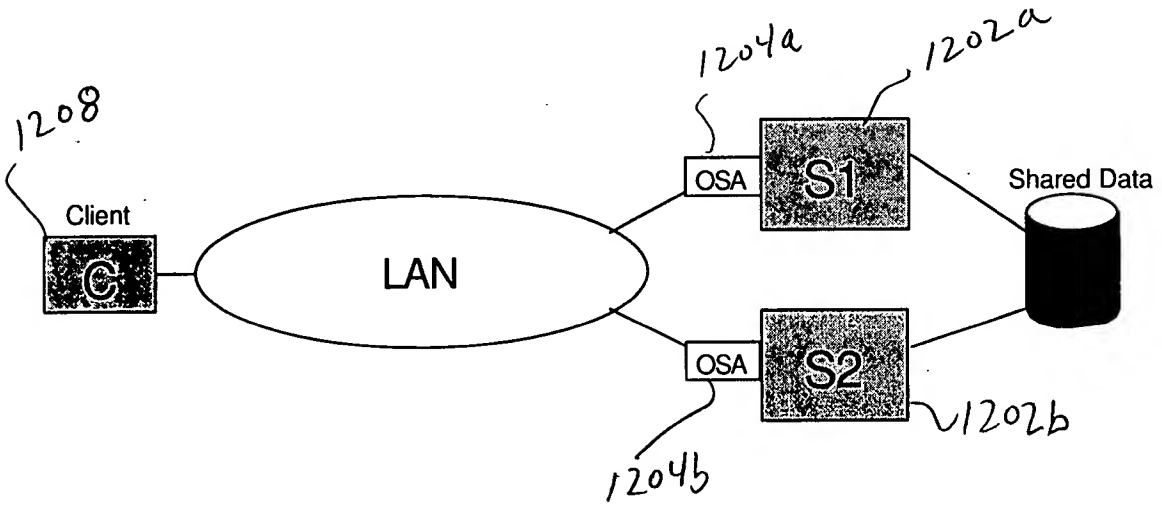

Figure 12

PD-99-094
8 of 13

09617455 .030200

P04-99-094
9 of 13

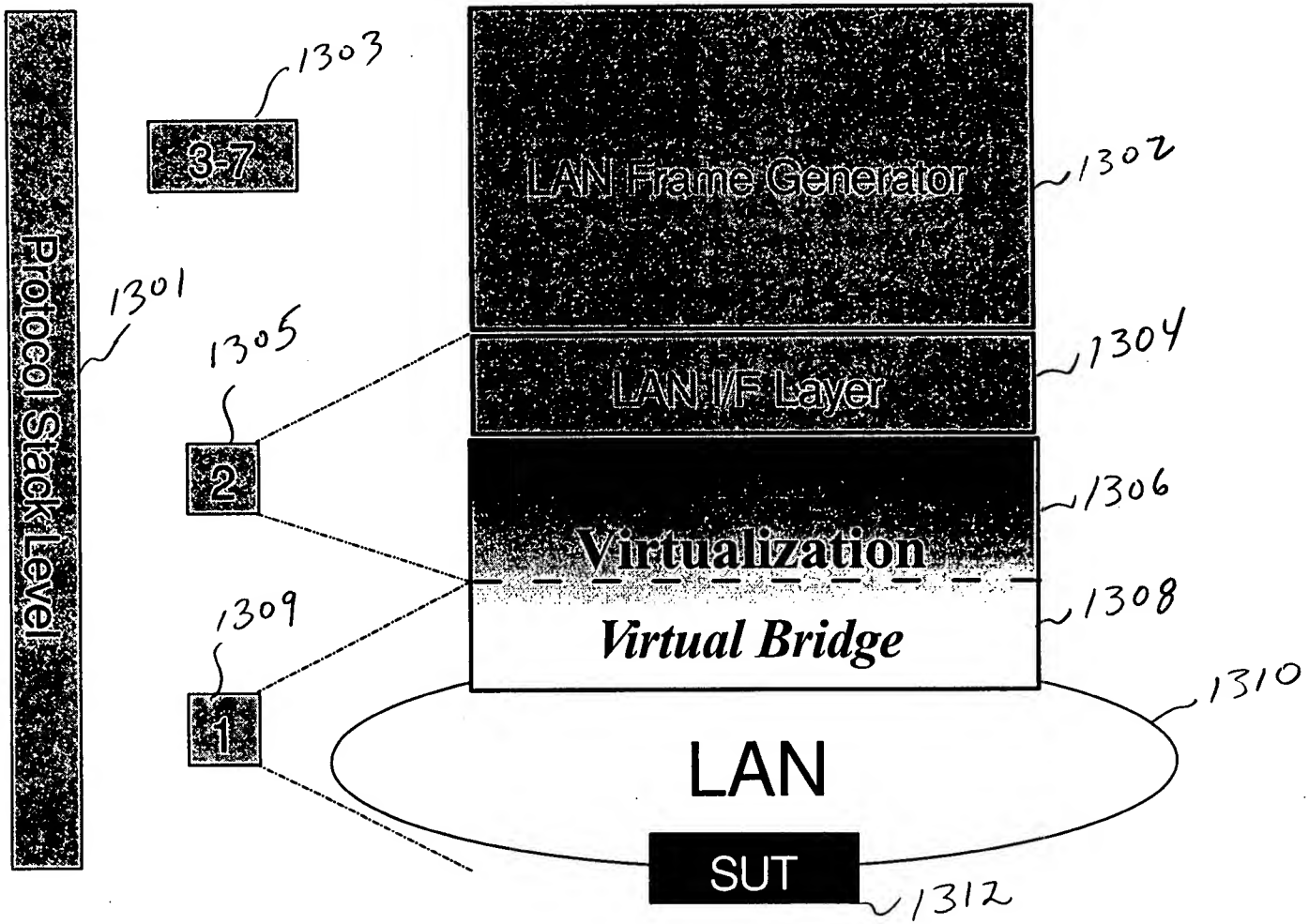

Figure 13

09617465 .030200

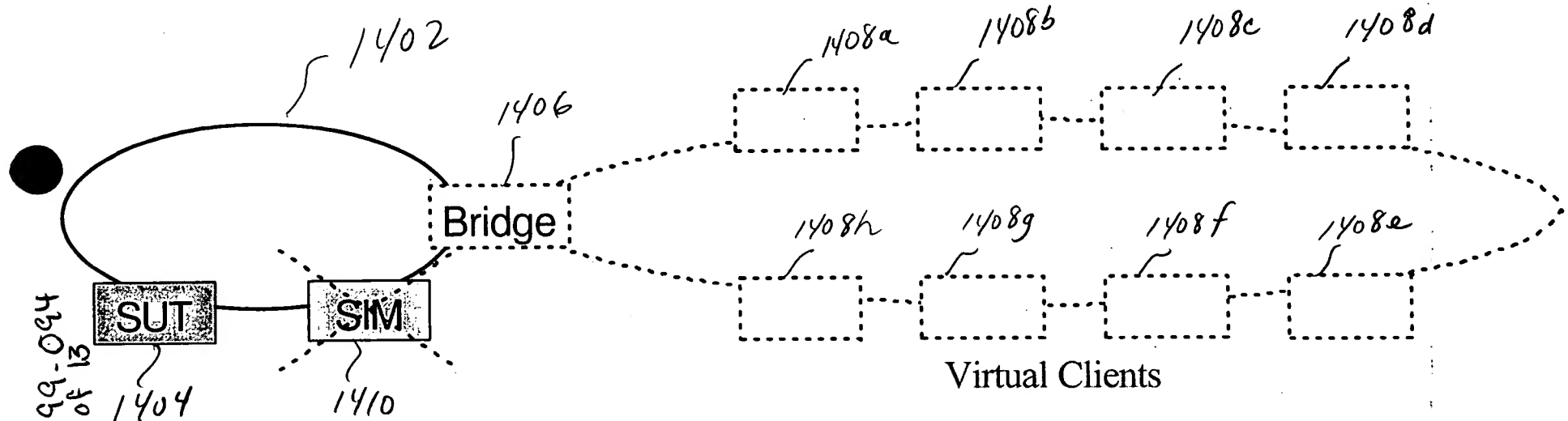

Figure 14

PD9-99-094
10 of 13

09517465.030300

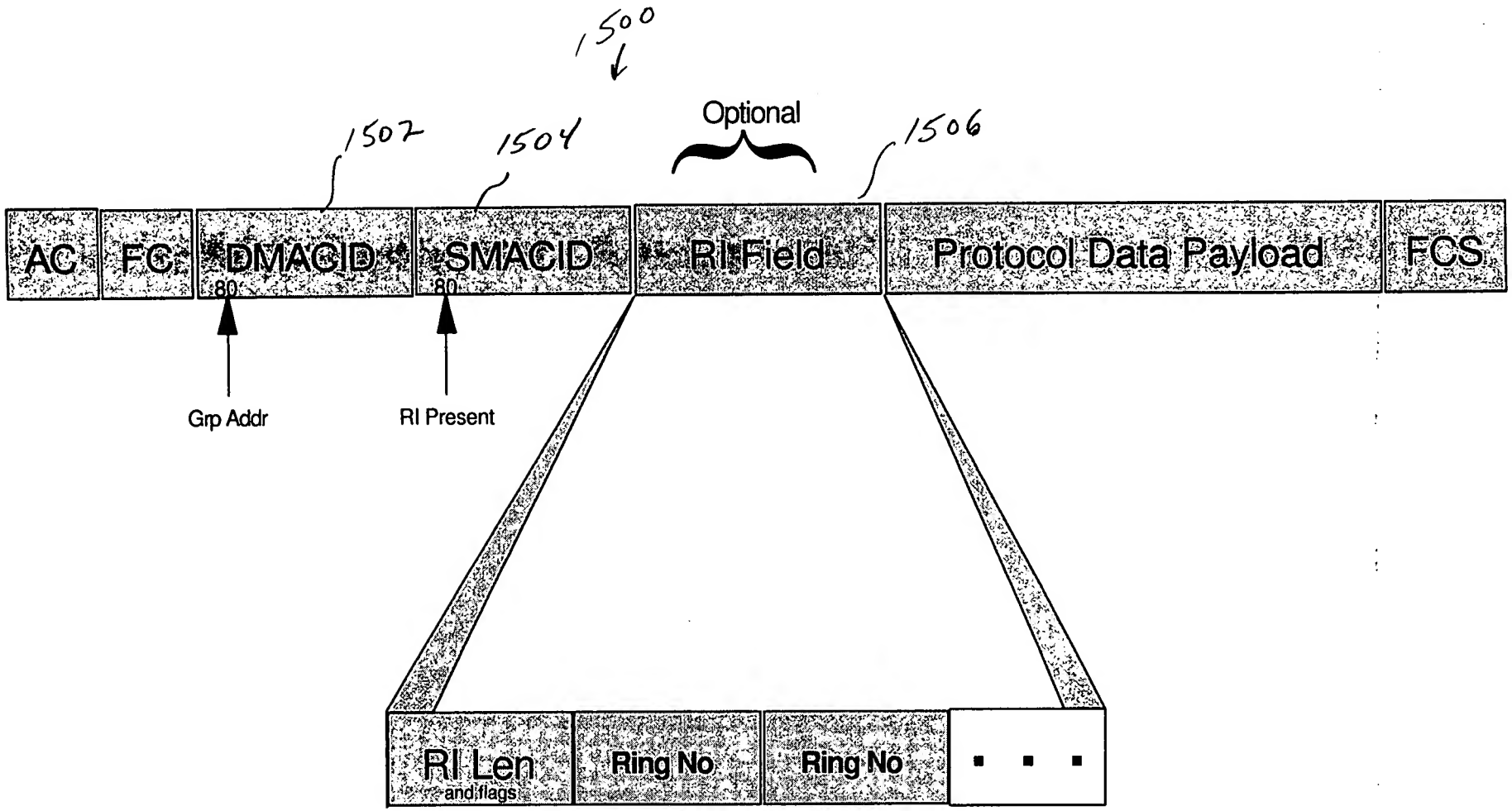

Figure 15

P04-99-094
11 of 13

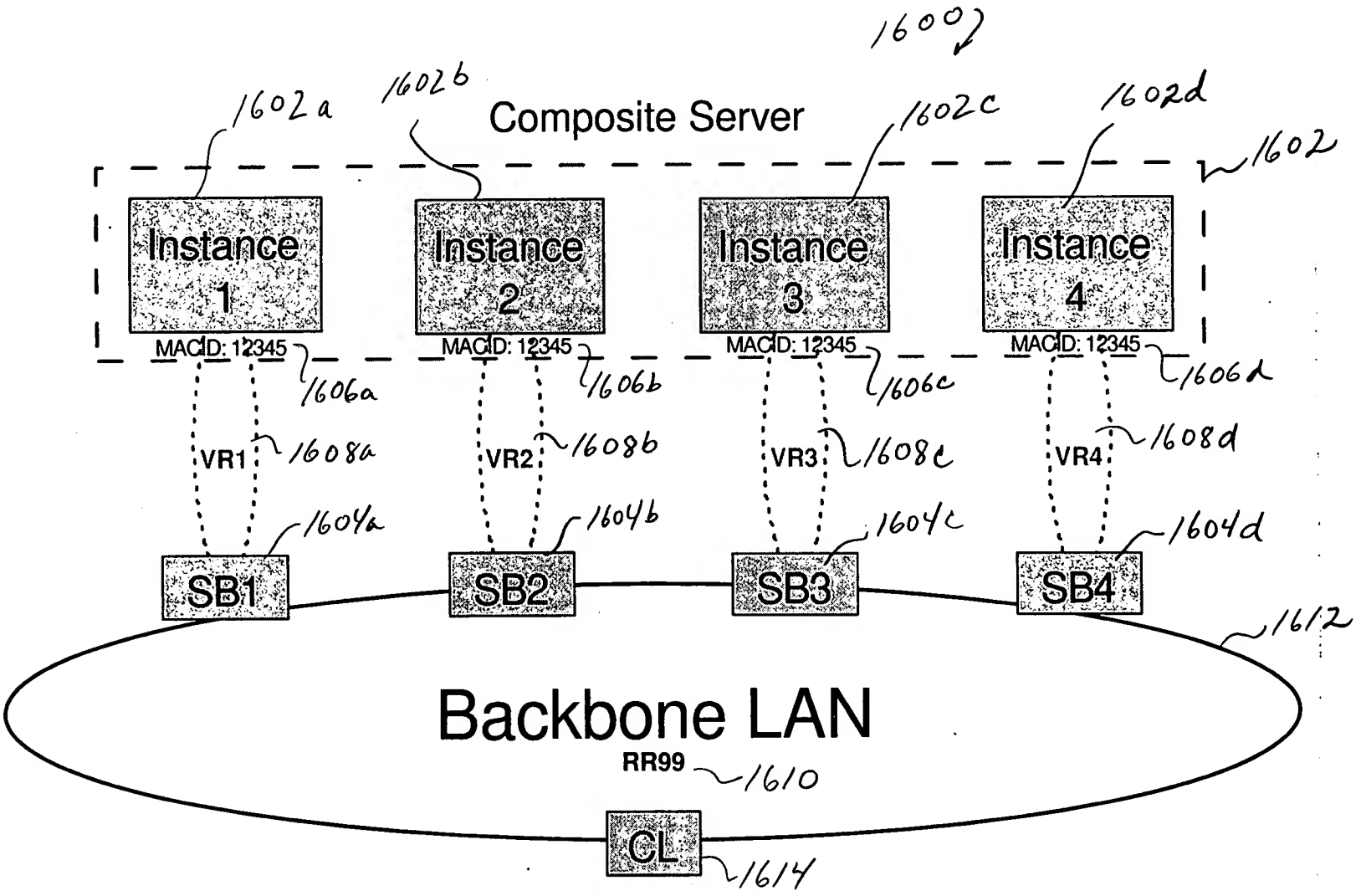

Figure 16

PD9-99-094
12 of 12

09517465 .030200

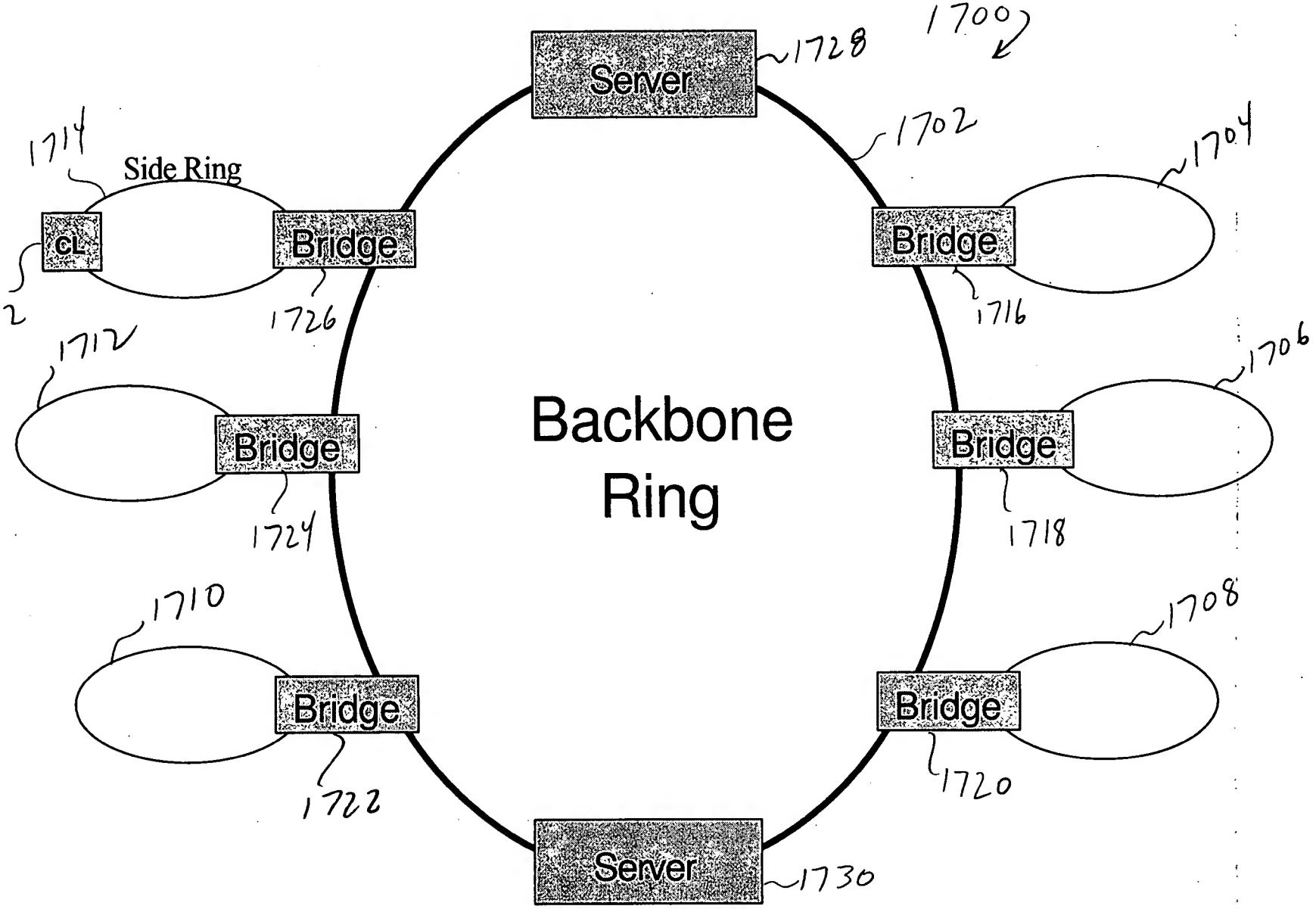

Figure 17

09517465.030200

P04-99-094
13 of 13